

—the— feedline



THE CANTON AMATEUR RADIO CLUB

OCTOBER / NOVEMBER 2005



ON THE AIR WITH LAUREL AND HARDY



The Columbia County (Georgia) Amateur Radio Club will be operating a SPECIAL EVENT STATION W4O (Whisky-4-Oliver as in Oliver Hardy) at the annual Oliver Hardy Festival in Harlem, Georgia on October 1, 2005.

OFFICERS:

PRESIDENT
SCOTT DUNCAN KK8D
VICE PRESIDENT
SCOTT MATHEWS W8JT
SECRETARY
KELLY HARLAN N8KEL
TREASURER
ROGER GRAY W8VE

TRUSTEES:

BILL HANNON N8PW
MIKE HARLAN NG8D
DENNIS MORIARTY K8AGB
ALAN SAVAGE WD8L
JERRY SHRIGLEY KA8AHF
MATT STEPHENS KK8Y

PUBLICITY DIRECTOR:

DENNIS MORIARTY K8AGB

CLUB REPEATER
146.790

MEETINGS
EVERY 3RD WED 7:30P
STARK COUNTY E.O.C.
LOWER LEVEL
STARK COUNTY
SHERIFF'S OFFICE
RT 62 EAST

TRUSTEES MEETING
THIRD MONDAY
EACH MONTH 7:00 PM
STARK COUNTY E.O.C.

"THE FEEDLINE"
PUBLISHED BI-MONTHLY
BY THE CANTON
AMATEUR RADIO CLUB
DEADLINE NEXT ISSUE
NOVEMBER 14, 2005
EDITOR
MIKE HARLAN NG8D
FEEDLINE@W8AL.ORG

This is your chance to get on the air and talk to none other than Stan Laurel and Oliver Hardy! Dale Walter Sr. (Ollie) and the Canton Amateur Radio Club's own Dennis Moriarty, K8AGB (Stan) will be entertaining at the festival as well as on the air.



Dennis Moriarty, K8AGB as Stan Laurel and Dale Walter Sr. as Oliver Hardy

The club will be using the special event call sign W4O during the festival. Operation will be from 1300Z until 2100Z. W4O will be operating on 7.260 Mhz, 14.260 Mhz, and 21.260Mhz SSB. Anyone making 2-way contact with W4O may receive a custom designed certificate by sending a QSL card with a SASE to: CCARC, P.O. Box 800, Evans, GA 30809.

The Feedline ran an article on the Moriarty / Walter team in the August/September issue titled "A Celebrity Among Us."

For more information, visit their website at <http://www.patfullerton.com/lh/other/lookalikes.html> or call 1-



OCT 9 HAMFEST

The CARC will be going down to the Muskingum County ARC Hamfest in a caravan. This Hamfest is free and is located at the home of Everett Jackson, WZ8P, which also serves as contest station N8HR. This should be a big treat for all hams, contesters or not. If you are interested in going down with us, please contact Bill Hannon at n8pw@w8al.org.



CLUB MEETINGS

OCTOBER 19
7:30 PM — E.O.C.

New CARC Trustees Alan Savage, WD8L, and Jerry Shrigley, KA8AHF, will be installed. A tech program called "Dirt Radio" will be presented by club member Dale Lamm, NX8J. See page 3 for more information.

NOVEMBER 16
7:30 PM — E.O.C.

A tech program called "Setting Up a Station from the Ground Up" will be given by club member Mike Popa, KC8WVC, and club trustee Bill Hannon, N8PW.

QRP & ADVENTURE RADIO SOCIETY

One QRP club I belong to is the Adventure Radio Society (ARS). ARS is a membership organization of more than 1700 amateur radio operators which conduct interesting events and support the development of imaginative equipment and antennas. The ARS uses the Internet (see <http://www.arsqrp.com/>) to exchange information with its members. Membership in ARS is free.



ARS supports various contests including the Spartan Sprint and the Flight of the Bumblebees.

The Spartan Sprint is held the 1st Monday of each month from 9 to 11 PM. In the summer, I take my K2 outside and hook up it up to my Inverted L and operate 40 & 20 meters. The Sprint centers around the following frequencies: 3560+- kHz, 7040 kHz+-, 14060 kHz+- . The Exchange is RST, state, and power output (5 watt limit). There is an auto log on the ARS, so there are no logs to enter. You just email the number of contacts for each band and the weight of your station in pounds to ARS and get the results on Thursday via email. For the skinny division, the score is the ratio of QSOs to the weight of the station. For the tubby division, the score is simply the number of QSOs. The winner of the skinny division often has an station weighing less than 1 pound, so my 9 pound station is not as competitive.

The other contest that ARS sponsors is the Flight of the Bumblebees. This contest is held on the last Sunday of July from 1 to 5 PM. We who hike to a location are assigned a Bumblebee number and use it in our exchange.

Flight of the Bumblebees Awards include:

1) Most Interesting Equipment

From W7DRA/BB's soapbox comments: "ut with was three unit set up; 6X5 power supply, 6AU6/5763 MOPA, and a 6CB6/12AU7 regen. The transmitter put out about 4 watts, well within the bumble bee limits, but the receiver needed a bit of work, more band spread, better stability, and less drifting after transmitting. This was solved by 1) a new band spread cap of smaller capacitance, 2) adding a grounded grid RF stage, and 3) a separate receiver power supply."

2) Most Outrageous Venture

From VE6YD/BB soapbox comments: "Hiked about 6 km in Elk Island National Part with Jacques VE6AMA to a large clearing. Set up my FT817 with a rotatable delta loop. 15m was dead but 20m was quite busy already. My small number of contacts is due to us being evicted from our clearing by several dozen bison. They came up so close they scared the daylight out of me. So we left. Next year...more contacts...less bison hi hi."

3) Most Beautiful Site

From N2XE/BB soapbox comments: "Operated from the highpoint of New York State--Mt. Marcy--so we also bagged an open peak for the High Point Challenge. Equipment was a Fly Rod Vertical and 4-band K1. Conditions were great! The hike up was a bit of a mother and we spent 3 days and two nights on the hill. The trail was not particularly tough but the trail was pretty rugged, wet and littered with large rocks and boulders. Two of our most experienced hikers got lost (names withheld to prevent embarrassment) so they were an hour late to the summit. The weather was about the best we've ever experienced in 25 years of hiking the Adirondacks."

Here are my soapbox comments:

From Roger W8VE/BB: "This is my 1st Bumblebee Experience. I had morning activities so I got a late start. At 1:30 I gathered up my battery, K2, tuner and antennas and hiked to a local county park 1/2 mile away. I parked my self at a picnic table in the shade & set up a Pacific 12 portable vertical. I finally got on the air an hour at 2 PM. 20 meters was poor and I only made 1 QSO in the 1st half hour. I went to 40 meters; I threw 30 feet of wire in the tree and loaded with my MFJ tuner. I work 13 QSOs in the next hour. I went back to 20 and it had opened up to the west and managed 11 more contacts before the contest ended. The temperature was 78 degrees with low humidity and it was a perfect day to be a Bumblebee!! I wish the bands would have been better but I had a good time in spite of the low QSO totals.

When is the last time you tried something new with ham radio? Take a look at the ARS website, get a QRP rig, learn the code, take a hike and have fun.

—Roger, W8VE

AREA NETS

ARES NET

TUESDAY

VHF 7:00 PM 147.120

ALLIANCE A.R.C.

THURSDAY

CW 8:00 PM 28.400

SSB 8:30 PM 28.400

VHF 9:00 PM 145.370

MASSILLON ARC

2ND, 3RD & 4TH

FRIDAY

VHF 8:00 PM 147.180

EXAM SCHEDULE

08-Oct-2005, 2:00 PM

SUMMIT CO AMERICAN RED CROSS

BRUCE M FERRY

(330)929-2766

AMERICAN RED CROSS

501 W MARKET ST

AKRON, OH 44303

[HTTP://www.ak8b.us/ve](http://www.ak8b.us/ve)

18-Oct-2005, 7:00 PM

PIONEER AR FELLOWSHIP

RONALD D LIEVING

(330)724-5981

AKRON BAPTIST TEMPLE

2324 MANCHESTER RD

AKRON, OH 44314

30-Oct-2005, 9:00 AM

(See MARC HAMFEST below)

HAMFEST DATES

09 Oct

Contest Station N8HR

Hamfest & Open House

Located at the Home of

Everett Jackson, W28P

5075 Dresden Court,

Zanesville

Muskingum County ARC

Jim Mayercak, WX8J

971 Somers Street

Zanesville, OH 43701

740-455-3050

mayercak@clover.net

30 Oct

MARC

TI: 147.18 (110.9)

Mass. Boys & Girls Club

730 Duncan Street SW

Massillon, OH

DX Notebook

Start	End	DXCC Entity	Call	QSL via
Sep28	Oct15	Eastern Kiribati	T32	Home Call Direct
Sep30	Oct02	Seychelles	S79RRC/a	RZ3EC
Sep30	Oct12	Crete	SV9	DK3TNA Buro
Oct03	Oct10	Bhutan	A52SY	ON4ON
Oct05	Oct07	Seychelles	S79RRC/f	RZ3EC
Oct05	Oct10	Jersey	GJ	ON6ZV
Oct10	Oct14	Mayotte	TX5M	F6AML
Oct12	Oct19	Guernsey	GU	
Oct16	Oct22	Dominican Republic	HI7	Home Call
Oct22	Oct31	Tanzania	5H2AG	EA5RM
Oct23	Oct31	Reunion	FR	F5SGI
Oct23	Nov06	Papua New Guinea	P2	G3KHZ Direct
Oct23	Nov07	Christmas Island	VK9XG	W0YG Direct
Oct24	Dec01	Tonga	A35BO	HB9FBO Direct
Oct25	Nov06	Christmas Island	VK9XD	VK6NE
Oct25	Nov06	Christmas Island	VK9XG	W0YG Direct
Oct26	Nov08	Grenada	J3	Home Call
Oct27	Nov03	Gibraltar	ZB2	See Info
Oct30	Nov10	Cambodia	XU7TAS	ON4AJV
Nov04	Nov07	Western Samoa	5W1	W2RDX
Oct05	Nov11	Temotu	H40HL	HL1XP
Nov07	Nov21	Cocos Keeling	VK9CG	W0YG Direct
Nov07	Nov30	Niue	ZK2LU	W2RDX
Nov18	Dec03	Bhutan	A52	F9DK
Nov21	Nov29	St Pierre & Miquelon	FP	K8NA
Nov21	Dec01	Cocos (Keeling)	VK9	DL8YR



3rd ANNUAL W.A.S.C. CONTEST WORKED ALL STARK COUNTY

SPONSORED BY:
THE CANTON AMATEUR RADIO CLUB

ALL QSO'S VIA 2 METER FM SIMPLEX

DATE: SUNDAY, DECEMBER 11, 2005
HOURS: 2:00 PM to 4:00 PM (EST) — 18:00 to 20:00 UTC

OBJECTIVE:

STATIONS IN STARK COUNTY — TO WORK AS MANY STATIONS AS POSSIBLE

STATIONS OUTSIDE STARK COUNTY — TO WORK AS MANY STARK COUNTY STATIONS AS POSSIBLE

CATEGORIES (Limit ONE per entry):

LOW POWER — FIXED OR MOBILE STATION. POWER LIMITED TO 50 WATTS.

QRP — HANDHELD STATION. POWER LIMITED TO 5 WATTS.

DX — STATION OPERATING OUTSIDE STARK COUNTY — EITHER LOW POWER OR QRP — MUST BE AT ALL TIMES OUTSIDE STARK COUNTY

OFFICIAL LIST OF OPERATING FREQUENCIES:

146.430	146.505
146.445	146.520
146.460	146.535
146.475	146.550
146.490	146.565
W8AL CLUB STATION: 146.595	

NOTES:

- EACH STATION MAY HAVE ONE OR MORE OPERATORS, BUT MUST USE A SINGLE CALLSIGN.
- REPEATERS MAY NOT BE USED. ONLY SIMPLEX CONTACTS WILL COUNT.
- YOU MAY TRANSMIT ONLY ONE SIGNAL AT A TIME.

SCORING:

- * EACH SIMPLEX QSO COUNTS ONE POINT
- * THERE WILL BE A MULTIPLIER OF TWO POINTS FOR EACH QRP QSO
- * CONTACT WITH W8AL IS WORTH 10 BONUS POINTS
- * STATIONS MAY BE WORKED ONLY ONCE (NO DUPLICATES)

EXCHANGE:

SIGNAL REPORT (59) NAME, LOCATION (CITY-TOWN OR TOWNSHIP), AND CATEGORY (LOW, QRP, DX)

COMMEMORATIVE CERTIFICATES WILL BE AWARDED TO EACH CATEGORY WINNER AS WELL AS EACH STATION LOGGING 15 OR MORE CONTACTS.

AWARDS WILL BE ANNOUNCED IN JANUARY, 2006, AT THE ANNUAL DINNER OF THE CANTON AMATEUR RADIO CLUB. WINNERS NEED NOT BE PRESENT TO WIN.

LOGS TO BE SUBMITTED TO CONTEST CHAIRMAN MIKE HARLAN (NG8D) ON OR BEFORE JANUARY 7, 2006. SAMPLE LOG SHEETS ARE AVAILABLE VIA E-MAIL TO CONTEST CHAIR: feedline@w8al.org OR VIA MAIL TO: MIKE HARLAN, 1646 CEDAR KNOLL ST. NW, MASSILLON, OH 44646.

The purpose of this contest is to:

A) Provide an opportunity for local Amateurs to enhance their station and operating skills without regard to license class, B) simulate emergency conditions (with NO repeaters) and C) to enhance utilization of the 2 meter band and simplex operation.

AMATEUR RADIO WEB SITE DIRECTORY

ARRL
www.ARRL.org

CLUB SITE
www.w8al.org

DX-SUMMIT
www.oh2aq.kolumbus.com/dxs

FISTS
www.fists.org

CQ MAGAZINE
www.cq-amateur-radio.com

QCWA CHAPTER 21
www.cmh.net/~jpvsvr/

WEB SITE OF THE MONTH

www.dxatlas.com

dxatlas.com is the homepage of VE3NEA, author of several great Amateur Radio software products.

My particular favorite is a contest simulation product called **Morse Runner (FREE!)**, which simulates a CW contest, including customizable real-life band conditions such as QRN, Flutter, QRM, QSB, LIDs, and pile-ups.

HAMCap (FREE!) is another program for predicting propagation in real-time.

DX Atlas (\$29.95) is an electronic world atlas with a stunning array of features.

Ionoprobe (\$20) is a space weather monitor that pulls real-time data from the NOAA.

Bandmaster (\$25) is a DX cluster client and graphical band map.

Discounts are available.

CONTACTING K2BSA FROM SEVEN RANGES

Here is a short recap of the attempt to contact BSA National Jamboree's amateur radio facility (special event station K2BSA) from Seven Ranges.

Wednesday afternoon I set up a simple station at Seven Ranges trading post, using the Kenwood TS-820 and an antenna tuner. A 10 meter mast lifted a 40M "sloper" dipole, with one end up and the other at ground level, aimed at Virginia. Took a few hours to do it right and pretty, including fencing off the voltage node at ground level. Two other adults from our troop assisted greatly. About 4:30 PM I tried listening to K2BSA, but heard absolutely nothing on all their working frequencies. Tried to raise other hams, but no joy. I thought the balun must have shorted. Resolved to investigate further the next day, too tired and frustrated to continue. That night, I lay in the tent trying to think of what went wrong. Resolved to connect the feedline's coax shield to the antenna post on the tuner, thinking the balun was kaputz. A quick and dirty antenna like this was still better than a broken dipole.

Next morning, without changing a thing, signals were rolling in from all over, including K2BSA. Raised them on the first call. Must have just been terrible conditions Wednesday on HF. Left the transceiver tuned to 7.270 LSB, detached the mike, and went to tell the camp director that the operation was a "go". Allowing the radio to run like this attracted attention in itself, as anybody could hear that it was scouts talking about scout related things from the National Jamboree. Camp staff made an announcement at lunchtime to 500 campers. We would be open Thursday afternoon during "open program" hours. When the time came, we were deluged with curious scouts.

Many Seven Ranges scouts spoke with many National Jamboree scouts. They were lined up at both ends. This was all on 40M. After a long time, the operator at K2BSA and I agreed to stand down for a few minutes. As soon as I went off air, a pileup appeared calling K2BSA. Most of them were individuals just wishing to make a contact and send greetings. I heard one other scout camp in more lengthy communications, but did not make out the name or location. 20M was not very good, when using the 40M center-fed. Maybe conditions were not right on 20M.

After the official closing time, people went off to whatever, but then a few older scouts showed up so I stuck around. We talked at length, as they were technically minded. Finally, covered up the gear with a tarp (station was set up using one picnic table in the TP's pavilion) and I went back to campsite.

Next day was supposed to be tear-down day for the station. I arrived after lunch, turned on the rig and conditions on 40M were still good. Nobody had fooled with the gear overnight. I went ahead and started the show all over again, even though the announced availability was for Thursday only. We stayed on till about 3:00 PM Friday. Had to begin tear-down at that time in order to make it to other camp activities. I was glad I operated on Friday, because two scouts from Troop 58 in Louisville stopped by and wanted to see more. They were asking questions which led me to believe that they had already researched ham radio. The late grandfather of one of the boys was a ham. I pitched Canton Amateur Radio Club and gave them a flyer I had, along with a copy of CQ magazine. My bet is that they will show up at the August CARC meeting. I was very glad to have gone on the air Friday "unofficially", as these two would have missed the show completely.

Camp staff seemed pleased as well. Some of them stopped by to "check it out", and several adult leaders were also peeking. One kid's dad told me his son was very interested in the hobby, but that he (the father) was unable to answer questions. I told him everything I could to reassure him this was not a waste of time for his son. It is my hope that staff asks me to bring the gear back next year. If they do, I will probably offer to do this one day a week throughout the summer camp season. It was a total blast, and one of the most rewarding things I've done in a long time. It was obvious to me that there is an unmet need to demonstrate and teach boys about things they cannot learn in the classroom in addition to outdoor skills, Indian lore and handicrafts. Also got a few boys fired up about the radio merit badge.

—Dale, NX8J

W.A.S.C. CONTEST

The 3rd Annual Worked All Stark County 2-meter Contest will be held this year on December 11th from 2-4pm. Clubs—please share the enclosed announcement sheet with your members. The more hams we have involved, the more fun for everyone participating. Please e-mail questions to contest chairman Mike Harlan (NG8D) at: feedline@w8al.org.

"DIRT RADIO"

Don't miss the October club meeting, because we will present an interesting demonstration of an actual, working "dirt radio". New member Dale, NX8J, will show how this historical piece of equipment was employed by the US government overseas.

Is the radio made of dirt? Well, not really. But there will be genuine dirt involved in the program. Lots of it. What does dirt have to do with radio? Is Howard Stern involved with this?

Watch and learn, October 19 at the next meeting.

PRESIDENT'S CORNER

Well, another Safety Break is now behind us and because of the hard work of many members, it was another success. We will have a final report at the next meeting. I would like to thank everyone who helped make this event a success.

Beginning on October 8th, the CARC will be meeting the 2nd Saturday of each month at 8:30am for breakfast at the Nazir Grotto (1717 16th St. SW, Canton). Breakfast is \$3.50/person and includes pancakes, waffles, eggs, sausage, juice and coffee.

I would also like to remind everyone of the upcoming October program being presented by Dale Lamm, NX8J. I'm sure that all the older members of the club will find the program very interesting. This is one program you will not want to miss.

In November Bill, N8PW, and Mike, KC8WVC, will present a program on "How to set up a simple station", another good program for all the newcomers.

Another good program is being planned that both Hams and non-ham spouses will find entertaining.

—Scott, KK8D